

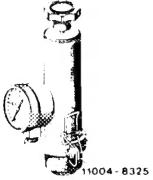
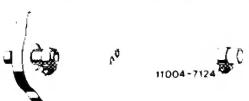
20-230 Removal and installation of water pump housing

Tightening torques

		Nm	(kpm)
Radiator drain plug	type 115.1	6-10	(0.6-1)
	type 123.1	1.5-2 ¹⁾	(0.15-0.2)
Water pump to water pump housing	9	9	(0.9)
Fan to water pump	25	25	(2.5)

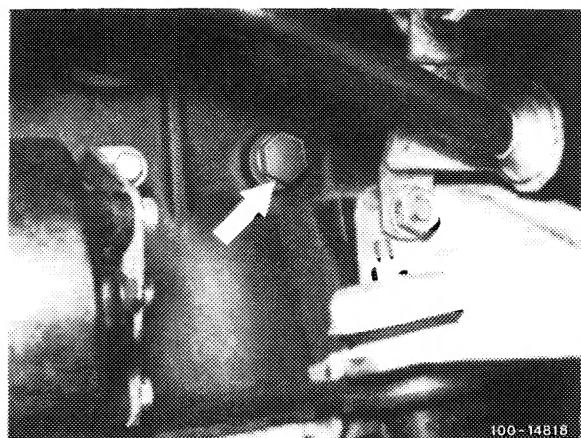
¹⁾ This torque can be set by means of a washer or a coin.

Special tools

Tester for cooling system	 11004-8325	001 589 48 21 00
Radiator cap with hose for leak test	 11004-7124	605 589 00 25 00
Socket 27 mm, 1/2" square for rotating engine	 11004-6753	001 589 65 09 00

Removal

- 1 Completely drain coolant (20-010).
- 2 Remove radiator (20-420).
- 3 Unscrew fan.
- 4 Slacken V-belt and remove.



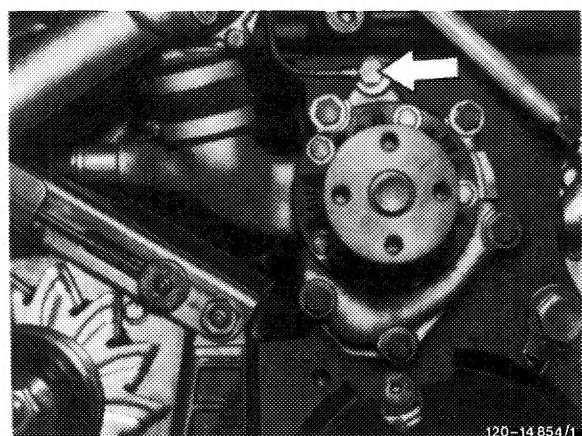
5 On engine 617, remove pulley and vibration damper.

6 Disconnect heating water return hose on water pump housing.

7 Disconnect hose between thermostat and water pump housing.

8 Unscrew vent line from water pump housing (arrow).

9 Unscrew water pump housing and remove together with water pump.



Installation

10 Position water pump housing with new gasket and screw down.

11 For further installation proceed vice versa to removal.

12 Add coolant (20–010).

13 Pressure-test cooling system with tester.